

California OES Weather Threat Briefing

Tuesday, August 17, 2021
9:00 AM PDT

Day 1 (Tuesday): Critical fire weather conditions are expected across the northern California mountains and eastern slopes of the Sierra through tonight due to very gusty winds and low humidity

National Weather Service

*Western Region Headquarters
Regional Operations Center
Salt Lake City, UT*



WEATHER KEY POINTS

08/17/21 - 08/23/21

Tuesday-Monday

- Critical fire weather conditions are expected over much of northern California today and Wednesday with north to northwest winds 15-30 mph, gusting up to 45 mph today shifting northeasterly (offshore) later tonight and Wednesday and humidity values in the 5-15% range
 - New or existing fires could spread rapidly with these conditions in place
- Much cooler temperatures arrive today and stick around through the weekend, with no significant heat impacts expected
- Gusty winds to 50 mph are expected for Antelope Valley this afternoon and evening.
- A few isolated showers and thunderstorms are possible over the Sierra, southern mountains, and southeast deserts today, with otherwise mainly dry weather through the weekend, except for some light showers possible for coastal southern California Wednesday
 - Gusty thunderstorm winds could contribute to fire spread through this evening
- Periods of thicker wildfire smoke will remain across northern and central California, bringing reduced visibility and air quality at times



CALIFORNIA WEATHER IMPACTS

08/17/21 - 08/23/21

<u>Hazards / Day</u>	TUE	WED	THU	FRI	SAT	SUN	MON
Non-Thunderstorm Damaging Winds	Southern						
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)	Inland/ Southern						
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	Inland	Inland/ Coastal	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Heat Risk	Inland/ Southern						
Heavy Rain/Flash Flooding/ Debris Flow							
Cold							



No Impacts



Minimal Impacts



Moderate Impacts



Severe Impacts

PRECIPITATION FORECAST

08/17/21 - 08/19/21

**No significant precipitation is
forecast through Thursday**

Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

Precipitation (inches)



WEATHER OUTLOOK

08/22/21 - 08/30/21

6-10 Day Outlook (August 22 – August 26)

Temperatures

- Above normal temperatures are favored across northern and central California, with near normal temperatures favored in southern California

Precipitation

- Near normal precipitation is favored statewide

8-14 Day Outlook (August 24 – August 30)

Temperatures

- Above normal temperatures are favored statewide

Precipitation

- Near normal precipitation is favored for the majority of the state, with the exception of far northern California where below normal precipitation is favored



Information provided by:

**National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT**

Phone: (801) 524-7907

E-mail: wr.roc@noaa.gov

Web: <http://www.wrh.noaa.gov>

